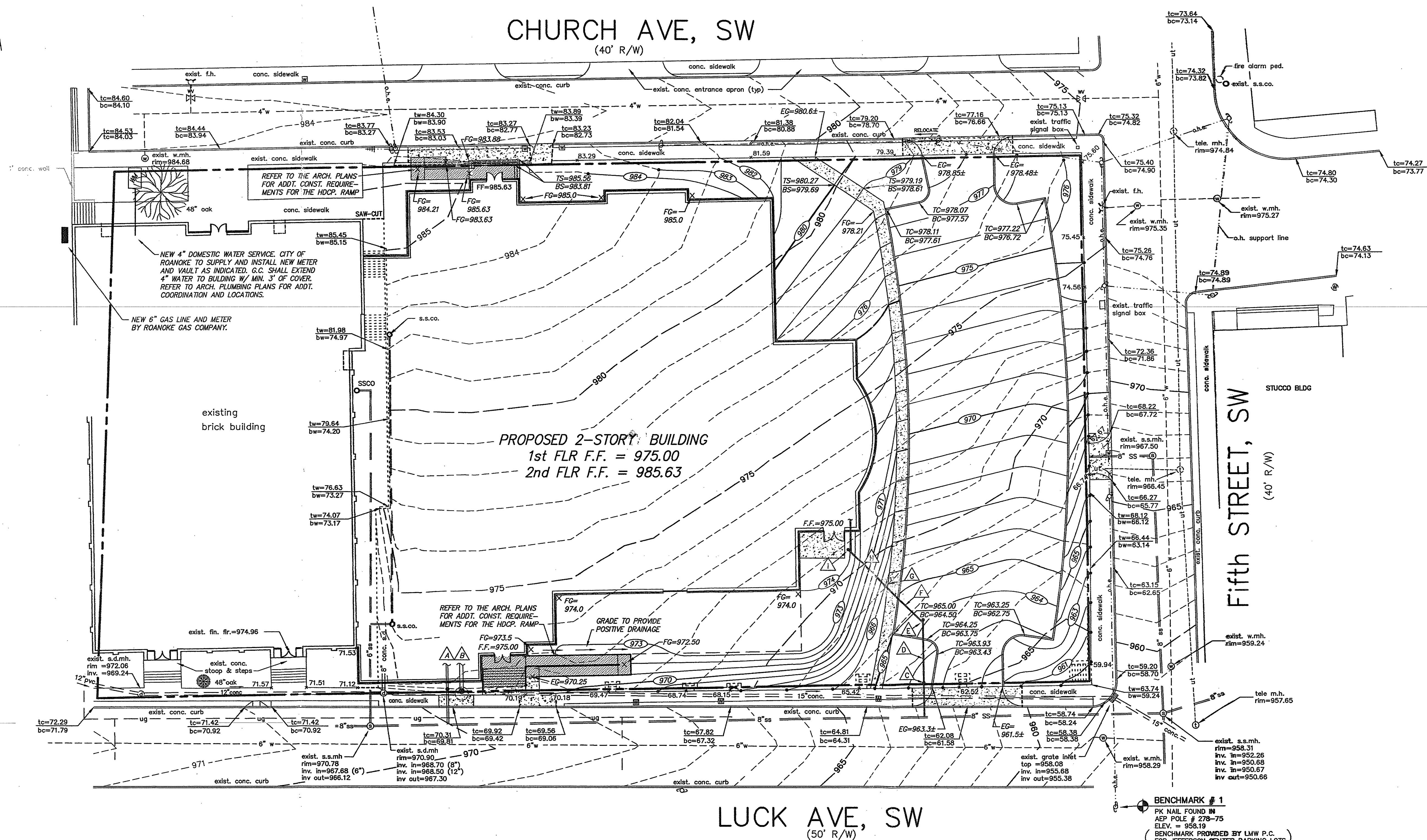
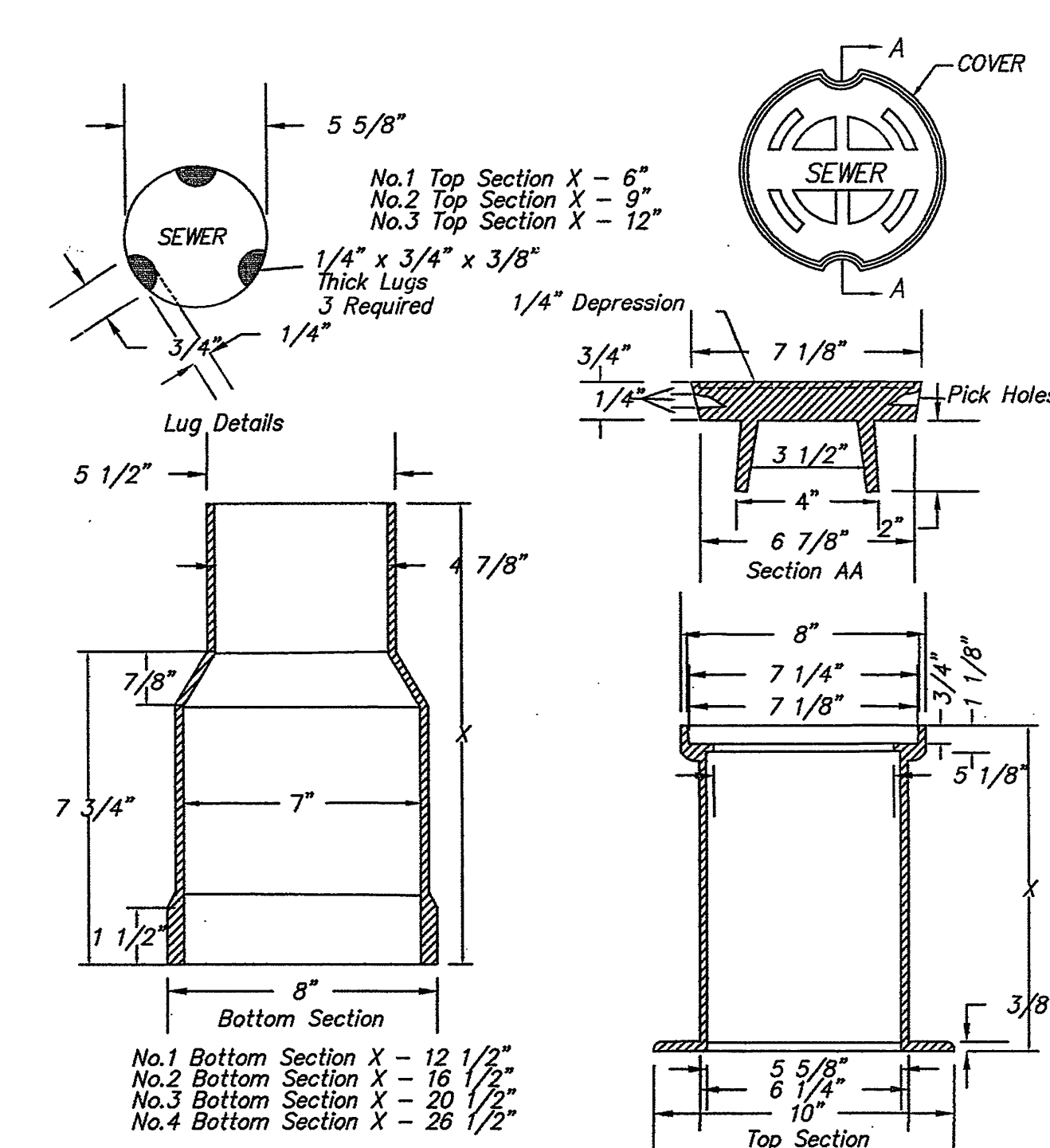




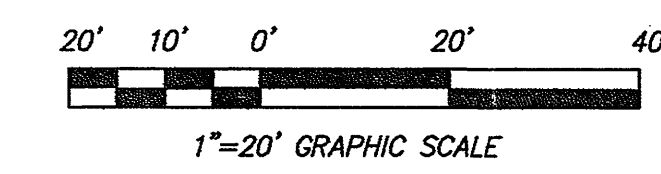
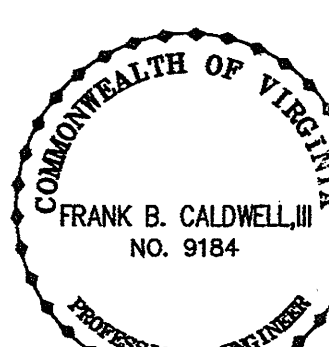
UTILITY SCHEDULE

- PROPOSED 8" S.S. LATERAL BY THE CITY OF ROANOKE UTILITY DEPARTMENT. G.C. IS RESPONSIBLE FOR COORDINATING THE REQUIRED LOCATION AND INVERT NECESSARY TO TIE PROPOSED BUILDING LATERAL INTO THE PUBLIC SYSTEM. MAX. INV. ELEVATION OF CLEANOUT = 966.83. LATERAL CALCULATED TO BE INSTALLED UNDER THE EXISTING STORM DRAIN PIPES.
- NEW 100' STD. MH-2 BY G.C. TOP = 970.65. INV. IN FROM NEW BLDG. = 966.65. PIPE SHALL BE 15' HOPE. INVERT OF EXISTING S.D. PIPE = 966.12.
- PROPOSED 4" S.S. LATERAL BY THE CITY OF ROANOKE UTILITY DEPARTMENT. G.C. IS RESPONSIBLE FOR COORDINATING THE REQUIRED LOCATION AND INVERT NECESSARY TO TIE PROPOSED BUILDING LATERAL INTO THE PUBLIC SYSTEM. MAX. INV. ELEVATION OF CLEANOUT = 955.8. LATERAL CALCULATED TO BE INSTALLED UNDER THE EXISTING STORM DRAIN PIPES.
- 21'-4" S.S. PIPE @ 21.2%
- 4" S.S.C. INV. = 960.5. PROVIDE 45° BEND AS REQD. PROVIDE TRAFFIC-BEARING COVER
- 20.2'-4" S.S. PIPE @ 8.9%
- 4" S.S.C. INV. = 962.3. PROVIDE BEND AS REQD. FOR VERT. SLOPE
- 19.0'-4" S.S. PIPE @ 43.7%
- 4" S.S.C. INV. = 970.6. PROVIDE 45° BEND AS REQD. AND TIE INTO PROPOSED LATERAL AS INDICATED ON THE PLUMBING PLANS.



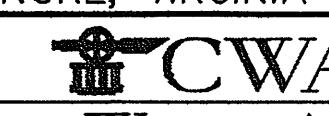
TRAFFIC BEARING CLEANOUT BOX

NO SCALE



GRADING & UTILITY PLAN DOWNTOWN FAMILY YMCA

SITUATE AT LUCK AVE, FIFTH ST AND CHURCH AVE
CITY OF ROANOKE, VIRGINIA



CALDWELL WHITE ASSOCIATES
ENGINEERS / SURVEYORS / PLANNERS

4805 MELROSE AVENUE, N.W.
ROANOKE, VIRGINIA 24017
Telephone: (540) 355-3400 • Fax: (540) 355-8702
EMAIL: CWA@AOL.COM

Drawn: J.V. Judy
Checked: F.B. Caldwell
Date: May 21, 2003
Scale: 1"=20'
Tax Parcel: 1113414 - 25
Field Book: Wes #14